

METHOD, SYSTEM, AND PROGRAM FOR MANAGING RELATIONSHIPS
AMONG ENTITIES TO EXCHANGE ENCRYPTION KEYS FOR USE IN
PROVIDING ACCESS AND AUTHORIZATION TO RESOURCES

ABSTRACT

5 Provided is a method, system, and program for managing access to resources.
Encryption keys are exchanged among a first entity, second entity, third entity, and a fourth
entity. Each entity has one relationship with one other entity and the encryption keys are
exchanged pursuant to the relationships. Electronic messages are encrypted with the
encryption keys concerning digital enrollments to provide to the first entity. The digital
10 enrollment is associated with at least one digital ticket that authorizes access to a resource
managed by the fourth entity. Presentation of the digital enrollment causes the presentation
of one digital ticket associated with the digital enrollment to authorize the first entity to
access the resource.